

#3

I hereby certify that this correspondence is being sent by facsimile transmission to:

**PATENT**  
Attorney Docket No.: 020174-004210US

OIPR Customer Service Center at Fax No.: 1 703 305 7749

On November 29, 2001

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

David N. Fernandes et al.

Application No.: Unassigned

Filed: November 26, 2001

For: MICROFABRICATED FLUIDIC  
CIRCUIT ELEMENTS AND  
APPLICATIONS

Examiner: Unassigned

Art Unit: Unassigned

PRELIMINARY AMENDMENT

*H. Kerson*  
*#3/pre*  
*amendment*  
*6/12/2002*

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments and remarks.

**IN THE SPECIFICATION:**

15: ✓

Please insert the following paragraphs into the specification at page 3, line

**BRIEF DESCRIPTION OF THE DRAWINGS**

FIG. 1 shows an example of a macroscopic pressure amplification system;

FIG. 2 shows another example of a macroscopic pressure amplification system;

FIGS. 3, 4A, and 4B show a first embodiment of a microfabricated fluidic pressure amplifier (or pressure multiplier) of the present invention;

*A*